

OUTLOOK

A WEEKLY NEWSPAPER FOR FACULTY AND STAFF AT THE UNIVERSITY OF MARYLAND AT COLLEGE PARK

SEPTEMBER 16, 1991

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A Period of Ambiguity...A Time of Uncertainty

At last year's meeting there were coffee and doughnuts. This year, ice water sufficed. This significant change symbolized the difference from last year to this, when President William E. Kirwan called a meeting for deans, directors and department heads during the first week of school.

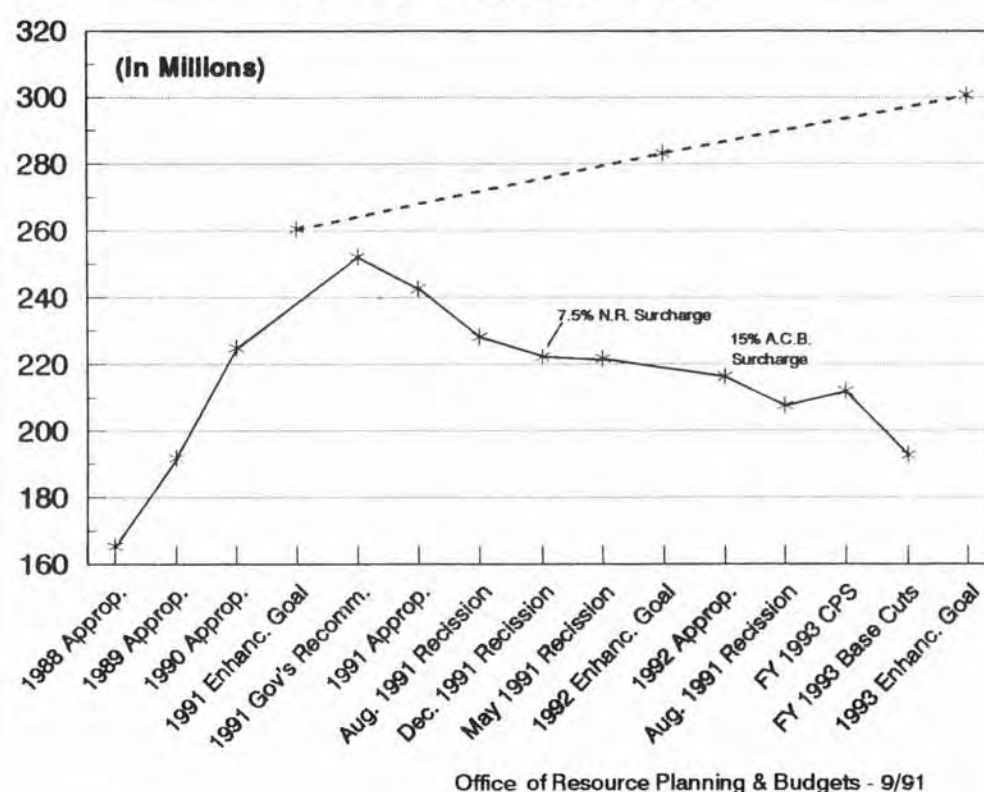
His goal: to share information on the fiscal 1992 operating budget and the difficulties faced in preparing the FY '93 budget request. His tone was somber.

"We've received a lot of negative news recently, but this news needs to be put into perspective. In the midst of this bad news, there are some positive signs," the president told the group of some 200 seated in the Colony Ballroom to absorb the not-unexpected discouraging budget news.

He wanted to accomplish three things, said Kirwan: to share information on the '92 and '93 budgets; to solicit input on the difficult decisions that must be made and to ask the group for advice, counsel and good ideas; and to ask the group to share what they were about to learn

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State Supported General Fund Levels
FY 1989 - Projected FY 1993



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Psychology Department Receives National Award

The university's Department of Psychology has been chosen as the first psychology department to receive the National Alliance for the Mentally Ill (NAMI) Award for Excellence in Training for training students interested in working with seriously mentally ill persons.

The training on serious mental illness, under the direction of Robert Coursey of the Clinical/Community Graduate Psychology Program at the university, is funded by a \$239,000 NIMH Training Grant and trains an ethnically diverse set of students.

"This is because much of the chronic mentally ill population is largely poor with a disproportionate number of ethnic/racial minorities," says Coursey.

According to Coursey, an estimated 2.8 million people suffer from serious and chronic mental illnesses. And while state and federal programs have rapidly expanded to meet this need, the training of professionals has lagged far behind.

"The University of Maryland at College Park is now one of the few psychology programs in the nation that provides this training," says Coursey.

Students, who are trained to take a multidimensional perspective toward these illnesses—biological, experiential, cultural and socioeconomic—and participate in a nine-month practicum. The practicum allows each student to follow several patients during their hospital stays, or while in the community receiving various services such as housing, rehabilitation, psychotherapy, and social services. A simultaneous seminar on serious mental illness is coordinated with the students' placement experiences.

"The program integrates the student's work in the community with what is learned at the university," says Coursey.

Throughout their graduate career, students also participate on a research team which develops and evaluates new interventions with people who are severely mentally ill. There are also courses, practicum training, and research opportunities for undergraduate psychology majors.

Coursey is also active in developing training programs for mental health workers in the community.

Committee Offers Recommendations to Ease Estimated Tripling of Parking Fees



With the parking fees paid by faculty and members estimated to triple during the next five years, an advisory committee has recommended changes in funding of the parking system—including compensation for parking spaces lost to construction projects and a graduated fee schedule for faculty and staff members—to ease the burden of increased costs on system users.

The recommendations are part of a 35-page report on the campus parking situation released last spring by the Campus Parking Committee, an advisory committee appointed by President William E. Kirwan in 1989. The committee was headed by Burt Leete, professor of business and management, and included faculty, staff and students.

The report projects that parking fees for faculty and staff members will increase from \$86 per permit in fall 1991 to \$278 per permit in fall 1996. According to this estimate fees would increase gradually over this period to \$109 in 1992, \$155 in 1993, \$205 in 1994 and \$258 in 1995.

These figures assume that operation of the parking system and construction of new spaces will continue to be funded as they are now—through parking registration fees, parking meter revenue and fines.

Less than half of the increase would result from rises in operating costs such as salary and maintenance. These costs are estimated to rise by an average of six percent annually.

The majority of the increases would stem from the anticipated need to build a new parking garage to replenish parking spaces lost to new construction at the university and for an enhanced UM Shuttle program to lessen the strain on a shrinking parking system. Construction of a third parking garage to replace lost spaces would account for \$91 of the projected \$192 in increases over the five-year period.

"Because of the construction of buildings on existing parking lots, a new 1,600-2,000 car garage will need to be constructed and available for use in the fall of 1996 in order to maintain the number of parking spaces at a level reasonably close to the current campus inventory," the report says.

The report urges that at least some of these costs for new spaces be paid by someone other than users of the parking system. In one highlighted section, the report says: "The committee feels that every opportunity should be pursued to include the cost of replacement or new parking demands within the budget for a particular construction project."

In another highlighted section it says: "...the costs associated with the construction of replacement parking when new facilities are placed on existing lots should be covered by state appropriations or campus general funds."

As another means of lessening future costs, the report recommends a variety of enhancements in the UM Shuttle system.

Arguing that increased use of the shuttle system could reduce the number of cars on campus, the report calls for longer hours, more frequent stops during peak periods, additional routes and an intra campus bus service, all of which would cost more than \$500,000 annually. Faculty and staff would be required to help support these new programs as part their annual parking fees. By 1995, additional support for the shuttle system would account for \$25 or slightly less than 10 percent of the parking fee under the plan.

In another recommendation, the report advocates parking fees based on salary to ease the burden of increases on lower paid faculty and staff members. Under the proposal, parking fees would be based on where an employee fits into four different salary tiers.

For instance, under the current system, all users of the system would pay an annual fee of \$278 in 1996. Under the tiered-system, in that same year employees earning less than \$25,000 would pay \$122, those earning between \$25,001 and \$35,000 would pay \$196; those earning between \$35,001 and \$65,000 would pay \$315; and those earning more than \$65,001 would pay \$507.

The report also explored a variety of other parking issues including:

Visitor parking. The report recommends that campus visitors pay for parking through meter or permit fees between 7 a.m. and 5 p.m. Monday-Friday. (Departments and units, however, would have some free permits available for guests.) Between 5 p.m. and 7 a.m. and on weekends a number of lots would be open to visitors. In addition, the report calls for signs, brochures and a visitor parking coordinator to help explain regulations to visitors.

Fines. The report recommends no major changes in fines or enforcement.

Members of the committee included: Thomas Corsi, professor of business and management; the late Richard Farrell, former associate professor of history; Jean Hebel, professor of special education; Kenneth Krouse, chief of police; Lander Medlin, assistant director of physical plant; John Menard, director of facilities for computer, mathematical and physical sciences; Bill Patterson, assistant professor of theatre; Stephanie Stockman, graduate student; Dwight Williams, assistant director of intercollegiate athletics; Peter Wolfe, professor of mathematics;

Faculty/Staff Five-Year Parking Fee Estimate

Academic Year	Projected Expenses	6%*	PG3**	Shuttle	Total Cost per Faculty/Staff
Sept. 91	\$3,671,990	\$ 0	\$ 0	\$ 0	\$ 86
Sept. 92	\$3,892,309	\$11	\$ 0	\$12	\$109
Sept. 93	\$4,753,181	\$12	\$31	\$ 3	\$155
Sept. 94	\$5,665,705	\$14	\$31	\$ 5	\$205
Sept. 95	\$6,632,980	\$17	\$31	\$ 5	\$258
Sept. 96	\$7,030,959	\$20	\$ 0	\$ 0	\$278

* For this illustration, the Committee assumed a 6% annual increase in salaries, general operating costs, etc.

** The fee increase for the construction of a third parking garage (PG3) is based upon a 1,600 car facility and 1991 construction costs.

Estimated Faculty/Staff Graduated Fee Schedule

Fiscal Year	Salary Level			
	\$0-25,000	\$25,001-35,000	\$35,001-65,000	\$65,001-above
1993	\$ 53	\$ 95	\$172	\$309
1994	\$ 74	\$130	\$227	\$397
1995	\$ 97	\$168	\$290	\$502
1996	\$122	\$196	\$315	\$507

and Joan Wood, executive administrative aide in arts and humanities.

Ex-Officio members of the committee were: David Allen, associate director of campus parking; Warren Kelley, director of budget analysis for resource planning and budgets; Irene Redmiles, land use planner for resource planning and budgets; Janice Simmons, assistant director of campus parking and Richard Stimpson, assistant vice president of student affairs.

Brian Busek

OUTLOOK

Outlook is the weekly faculty-staff newspaper serving the College Park campus community.

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Letters to the editor, story suggestions, campus information & calendar items are welcome. Please submit all material at least three weeks before the Monday of publication. Send it to Roz Hiebert, Editor Outlook, 2101 Turner Building, through campus mail or to University of Maryland, College Park, MD 20742. Our telephone number is (301) 405-4621. Electronic mail address is outlook@pres.umd.edu. Fax number is (301) 314-9344.

UNIVERSITY OF MARYLAND AT COLLEGE PARK





...And a Good Time Was Had by All

More than 2,000 people enjoyed an all-campus picnic on McKeldin Mall the week before classes began, an outing complete with volleyball, prizes, and music. Coordinator Jon Rood (director, Communication Services) took on the challenge of providing a picnic with no budget support and received volunteer help from every unit on campus. Barbecued chicken, hot dogs, veggies, fruit, ice cream and soft drinks were available for a nominal charge. More than 500 donated prizes were given out, ranging from tennis balls and dance recital tickets to a book on leadership from the business school. See you next year?

NEWS

College Park "In the News"

College Park-related stories appear regularly in both the regional and national media, and our faculty members often are quoted as experts in breaking news situations. Here are some recent highlights of news coverage of College Park faculty and staff.

- The first scientific study to identify the best beaches in America received an avalanche of national media coverage. Stephen Leatherman, director of the Laboratory for Coastal Research, appeared in *The New York Times*, *The Washington Post*, *The Los Angeles Times*, *USA Today*, *The Boston Globe*, *The Chicago Tribune*, *The Baltimore Sun*, *The Chronicle of Higher Education*, and every other major newspaper in the country. The story was picked up by virtually every news service in the nation and fed to hundreds of newspapers from coast to coast. In addition, he was featured in *The Economist*, *U.S. News & World Report*, *Conde Nast Traveler*, and several other national magazines. Leatherman also appeared on ABC's *Regis and Cathy Lee Show*, ABC's *Good Morning America*, CBS, CNN, and dozens of TV and radio affiliates throughout the United States.

- Research on the pink lady slipper, an orchid that thrives despite

its apparent violation of the basic principles of natural selection, earned Doug Gill, professor of zoology, major articles in *The New York Times*, *The Washington Post*, *The Chronicle of Higher Education*, and *OMNI Magazine*.

- Work by Horticulturist William Healy to create a cut-flower industry in Maryland was featured in *The Baltimore Sun*, *The Washington Post*, and the *Prince George's Journal*. The story also was picked by the Associated Press news service, and Dr. Healy is scheduled to appear on Channel 9 TV (Washington).

- Beverly Greenfieg and Barbara Goldberg, coordinators with the Returning Students Program, were featured in *The New York Times* in an article addressing the special needs of older students.

- In a *Washingtonian Magazine* article on writing classes, Richard Blum, associate professor in the department of radio/television, and his television-comedy writing workshop were featured.

The recent crisis in the Soviet Union provided an opportunity for the College Park campus to make available to the media several prominent experts on Soviet and international affairs. As the result of a media advisory faxed out on

the day of the coup attempt, several campus experts received extensive media coverage. They include:

- Visiting Scholar Henry Trofimenko was featured twice in *The New York Times* and also appeared in *The Washington Times*, *The Baltimore Sun*, and *The Kansas City Star*. He appeared on CNN, National Public Radio, WJZ-TV (Baltimore) and Channel 5 (Washington).

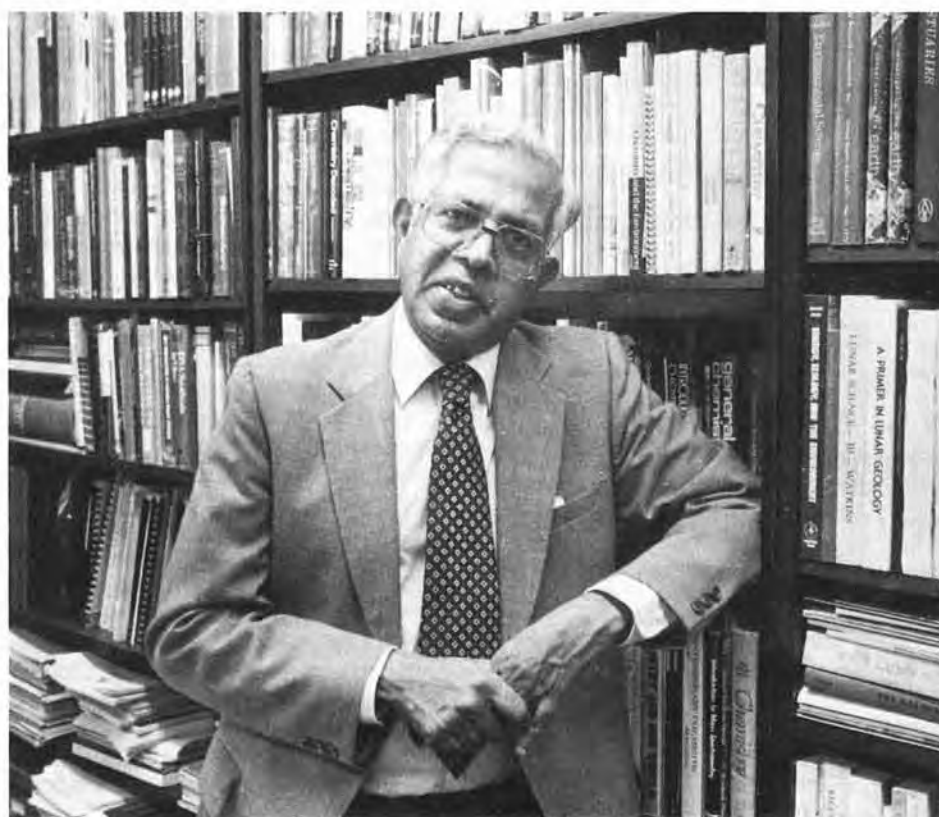
- Roald Sagdeev, Distinguished Professor of Physics, was quoted extensively in *The New York Times* and *The Prince George's Journal* and appeared on CBS television and Channel 5 TV evening news, and syndicated columnist Hobart Rowen's column on economics appearing in major newspapers around the nations.

- Warren Phillips, professor in the Department of Government and Politics, appeared in *The Baltimore Sun* and *Evening Sun*, among other places.

- Catherine Kelleher, professor in Center for International Security Studies, appeared on Christian Science Monitor television.

- William Galston, professor in School of Public Affairs, was quoted in *The Boston Globe*.

Ponnamperuma To Receive First International Service Award



Cyril Ponnamperuma

Cyril Ponnamperuma, professor of chemistry and director of the Laboratory of Chemical Evolution, has been selected as the first recipient of the Distinguished International Service Award.

The award recognizes his significant contributions to the develop-

ment of international programs at College Park and honors his distinguished professional career in international affairs and scholarship.

Ponnamperuma will be honored at an International Affairs Gala Friday, Sept. 20 at the Center of Adult

Education. A reception in the Founder's Room begins at 6 p.m. followed by dinner in the Chesapeake Room at 7 p.m.

President Kirwan will deliver the welcome address, "UMCP and Maryland: Their International Futures." The gala also will recognize Townsend Hoopes, Benjamin Kremenak, and Charles Miller, the three 1991-92 Distinguished International Executives-in-Residence at College Park.

Ponnamperuma, a native of Sri Lanka, joined the College Park faculty in 1971. Author of more than 400 publications, his work includes 16 books, most notably *The Origins of Life*, and he is the recipient of numerous international awards. He is science advisor to the President of Sri Lanka, director of the Institute of Fundamental Studies, and had been director of the Authur C. Clarke Centre for Modern Technologies in Sri Lanka.

At College Park, he has played a major role in developing programs related to Sri Lanka, among them the Institute of Fundamental Studies, a program to build a modern information system for the country's libraries, and a USAID-funded project of the School of Public Affairs designed to build relationships between the private and public sectors there.

International Faculty and Administrator's Group to Hold Conference

The University of Maryland's International Faculty and Administrator's Association is conducting its first annual conference Sept. 22-23 in Ocean City, Maryland. The conference is being coordinated by the University of Maryland at College Park in its role of permanent secretariat. All faculty members and administrators involved in international programs in the UM System are invited to attend, as are friends of the university involved in international affairs. For more information, call 405-4772.

Tough Budget Decisions Ahead for College Park

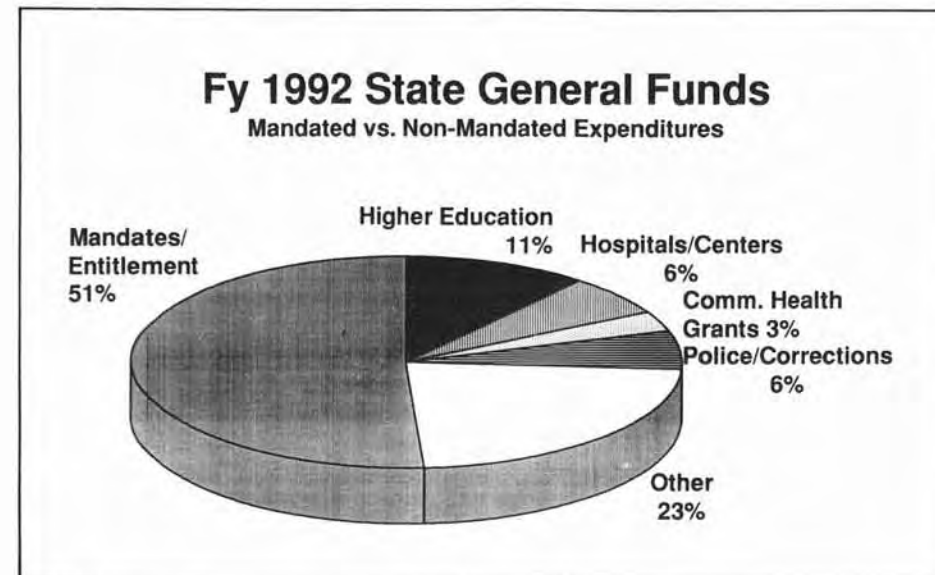


CHART 2

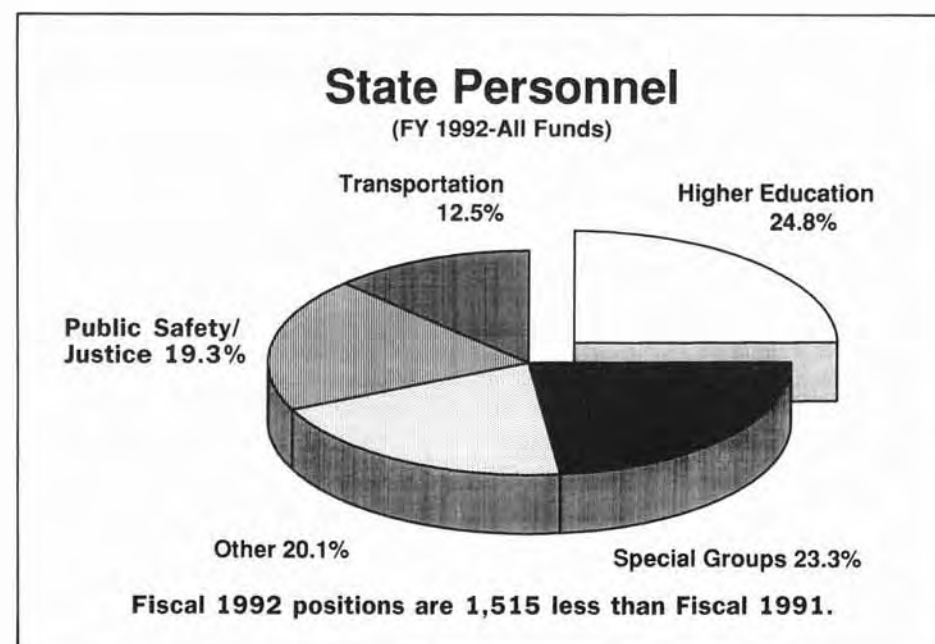


CHART 3

University of Maryland at College Park 1992 Cost Containment	
1. Tuition Surcharge (15% Spring 1991)	\$6,388,631
2. Educational Grants (Financial Aid; Remissions)	(688,631)
3. Reduction Non-Instructional Part-Time	1,442,869
4. One-Day Furlough (State and Non-State)	1,055,526
5. Fund Balance (State and Non-State)	338,605
TOTAL	\$8,537,000

CHART 4

continued from page 1

in order to make informed statements about the budget once they returned to their units.

Walking the group through a complicated set of statistics presented by overhead projection, the president showed that 51 percent of State General Funds are allocated by formula to entitlement programs and thus are protected from cuts that the governor can order. Cuts for these programs must be enacted by the General Assembly. Just 11 percent of the remaining 49 percent in non-mandated expenditures goes to higher education, he said. (See Chart 2). Higher education is able to be cut and therefore could suffer a disproportionate effect from the current bad times in the state's economy, he said.

Currently, a projected \$300 million budget deficit exists for FY '92, and the governor is proceeding on the assumption that there will be no mid-year tax increase, explained Kirwan. Therefore, the governor has asked all state agencies to reduce their budgets in order to make up the massive deficiency. The UM System must give back \$24.1 million, and College Park's share of that total amounts to \$8.5 million.

The Cost Containment Chart (4) outlines the five potential ways, (almost all mandated by the Board of Regents) in which College Park is expected to come up with this \$8.5 million cut, including: a one-time tuition surcharge in spring, 1992; reduction in non-instructional part-time personnel; and the equivalent of a one-day furlough for all employees. Kirwan said that furloughs were necessary because of cuts already taken. "The only alternative is to lay off a large number of people or eliminate much needed services," he said.

As to how to implement the furlough day, the president indicated that a number of possibilities are under consideration. His goal is to ensure equity and to be sensitive to the impact of furloughs on lowest paid personnel, he said, seeking suggestions from the group on how best to achieve those objectives.

Asked whether there will be further cuts in this year's budget, Kirwan said he doesn't know—but he's encouraged by growing talk of a legislated tax increase. "If there is a tax increase effective Jan. 1, 1992, then I believe we have a good chance of making it through the rest of this without further cuts," he said.

Looking toward consideration of the fiscal '93 budget, Vice President for Administrative Affairs Charles F. Sturtz explained that with an impending deadline for submitting the FY '93 budget by the end of September, the university faces an even more sobering task than it is experiencing currently. According

Do You Wish You Knew Someone Who...?

Campus Club, the university's faculty wives and women faculty and staff organization, is offering a new matching-up service designed to respond to individual requests from any faculty, staff or spouse interested in locating other campus members with common interests or needs. Finding support groups, joint activities, new friends or shared services are some of the ways the new service is intended to be of help. For more information write Sorrel Fisher, 1233 Noyes Drive, Silver Spring, MD 20910. Include your name, phone number and a good time to be called back.

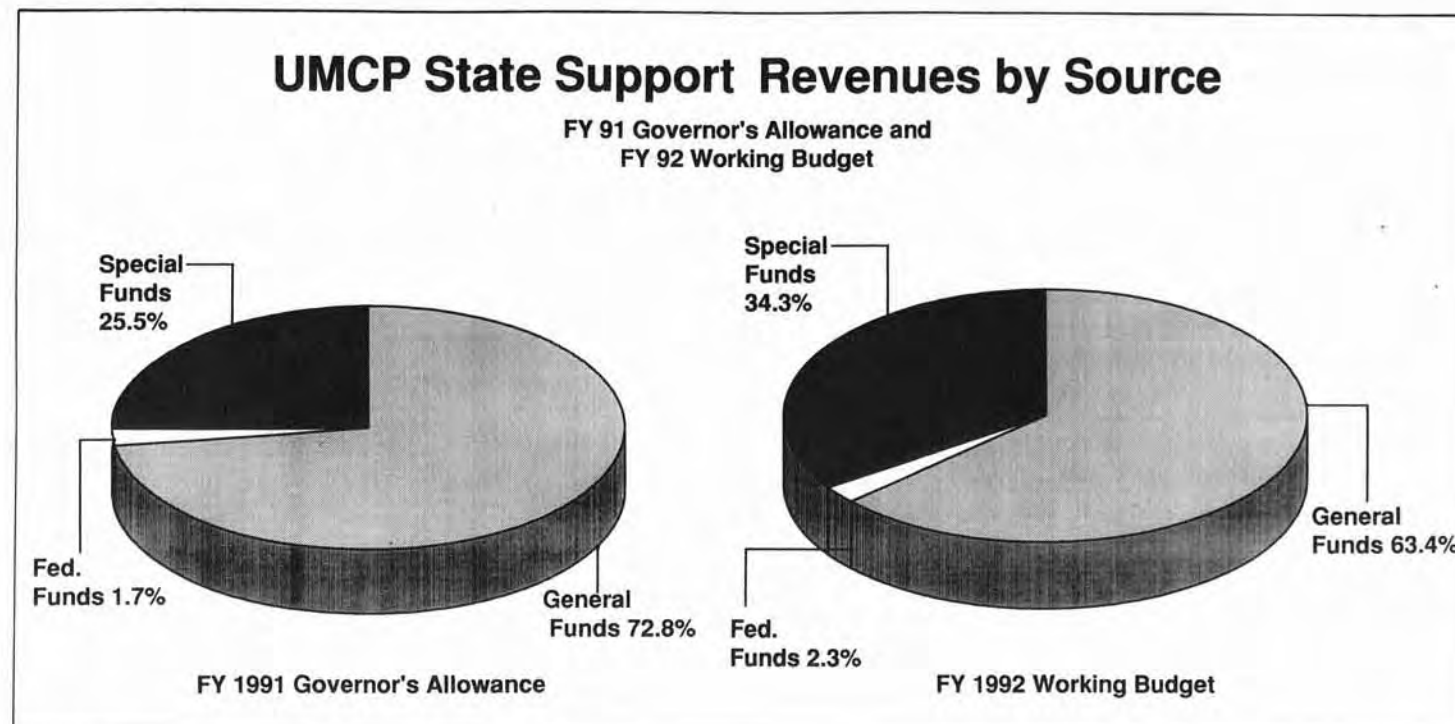


CHART 5

to a joint study group of staff members from the legislative and the executive branches that has been meeting to assess what deficit the state must expect, the state is facing a \$600 to \$700 million possible deficit next year if there are no tax increases. Regrettably, the FY '93 budget must be prepared with this assumption. To resolve this severe potential financial problem, the governor is assessing a 12 percent targeted reduction of \$360 million to be cut from state agency funding in FY '93. The UM System must give up \$79 million, with College Park's proportionate share of the reduction amounting to \$30 million.

This would be a 25 percent reduction in state support within the last two years said Sturtz (See Chart 1).

What potential sources might the university turn to for solving the problem? Chart 6 indicates options considered thus far, but no final decisions have been made available on precisely how much the final cut will amount to, or from what sources it should come. Possibilities for revenue adjustments include tuition increases and a health fee increase, converting the Health Center to a self-support operation. Expenditure adjustments include accelerating program closures, salary reductions or employee lay-offs.

Closing his remarks by reminding the group that the university must base these hard decisions on a lot of assumptions—one of which is that no tax increase is in store in the longer term—Kirwan emphasized his belief that the current financial situation in the state may not be as devastating as it seems. "It will be righted in time," he said.

As to what will happen when this moment comes, he pointed out that the recently adopted Maryland Higher Education Commission's statewide higher education plan places a top priority on enhancing College Park and that a committee of the General Assembly met this summer and called for special enhancement of College Park.

"We're going through an extremely difficult time, with many disappointments and frustrations," said the president, but he ended on a note of optimism: "We must take a

longer view. In the face of all the distress and agony, I believe there are hopeful signs on the horizon."

Roz Hiebert

FY 1993 Reduction Alternatives to Generate \$30 Million (In Millions)	
A. Revenue Adjustments:	
1. Tuition (Each 1% increase)	\$.8
2. Increase health fee to make Health Center self-supporting	1.3
3. Fully charge University College for use of UMCP resources (3-year phase in)	*
B. Expenditure Reduction:	
1. Terminate part-time non-faculty/non-college workstudy employees	\$12.0
2. Accelerate program closure initiated in FY 1992 (33%)	*
3. Consolidate academic and administrative mainframe computing	1.5
4. Reduce tuition remission for non-traditional participants	*
5. Implement non-academic unit consolidations	*
6. Finance less-than-15-year life equipment	6.0
7. Salary reduction across the board with fringe benefits: each 1% equals	2.5
8. Lay-off staff in state and self-support (except research) (for every 100 positions)	3.1
* To be determined	

CHART 6

Panel Discussion Set on International Security and USSR

A panel on international security and the USSR will be held from 12:30 to 2 p.m., Friday, Sept. 20 in the Student Union Atrium. It will feature Public Affairs Dean Michael Nacht; Roald Sagdeev, distinguished professor of physics and former science advisor to President Gorbachev; visiting U.S.-Soviet affairs scholar Henry Trofimenko; and Townsend Hoopes, CISSM senior research fellow and specialist on security issues. The panel discussion is free and open to the campus community.

Physicists Turn Up Knob on Superconductivity Research

Almost since the discovery of superconductivity, researchers have been searching for ways to use electrical fields in these materials to alter at will their transition temperatures—the temperature at which these materials go from "normal" to superconducting. This search has intensified since the 1986 discovery of high-temperature superconductors.

Researchers at College Park have now made large strides toward putting a "control knob" on the transition temperatures of these materials and may have advanced the day when superconducting materials could be used for complex circuits such as those in computers and televisions.

"We have seen a huge effect on transition temperature regulation with our three-terminal transistor-like device," says Xiao Xing Xi, a research scientist in the Center for Superconductivity Research (CSR).

"We have demonstrated a zero-resistance shift of close to one Kelvin and a resistance ratio above the transition temperature of about 23 percent, and below the transition temperature of almost 1,600 percent," says Venky Venkatesan, an investigator with the center's project and a professor in the Departments of Physics and Electrical Engineering. According to the two researchers, the type of superconducting temperature regulation they have produced is the best ever recorded and represents a significant improvement over results recently reported by IBM's research group in Zurich.

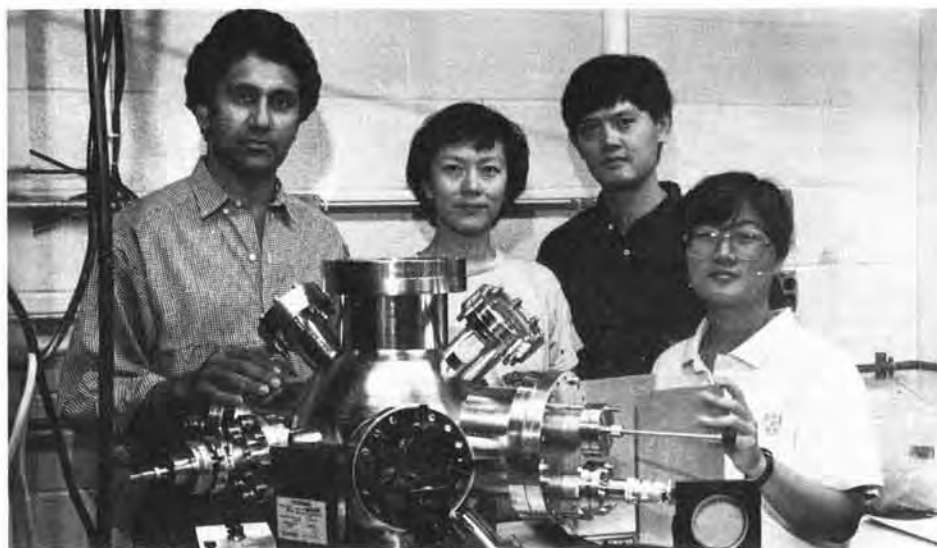
Venkatesan's and Xi's results will be published in the journal, *Applied Physics Letters*.

"Most superconductors are two terminal," explains Xi. "Energy enters one terminal and exits another. By adding a third terminal, as we have done, the additional terminal becomes a control knob that alters the transition temperature and thereby allows us to regulate energy flow in the other two terminals."

"With this electric field effect on the properties of the superconductor, one can introduce an extra dimension of control on even existing superconducting devices, such as high current switches and microwave resonators," says Venkatesan.

"This current research is producing some of the best results in the world," says Richard L. Greene, a College Park physics professor and director of CSR. "The work is greatly furthering our understanding of how high-temperature superconductors actually work. If we can someday learn through this research to make superconductors work like semi-conductors—with electric field switches—we could eventually make these materials applicable to electronic devices and power transmission systems."

Greene cautions, however, that such progress will be many years in the making. "The potential for



Superconductivity researchers Venky Venkatesan, Xiao Xing Xi, Qi Li and Chuhee Kwon: "We have seen a huge effect on transition temperature regulation."

high-temperature superconductors was greatly oversold in the early days of the research, and many people were disappointed when practical uses for these materials—such as levitated trains—did not pan out quickly. But new technol-

ogies require many years of research and development. Our research here at the center is an important milestone, however, toward a brighter superconducting future."

Fariss Samarrai

Hidden Quasar may be at Center of Powerful Radio Galaxy

Recent findings by College Park astronomer Andrew Wilson suggest that Cygnus A, the most powerful—and first—radio galaxy discovered in the northern hemisphere, may be hiding a powerful quasar at its center.

Based on infrared spectroscopy of Cygnus A, it now appears that dust and gas clouds are blocking our view of a quasar in the center of Cygnus A, according to Wilson. If this proves to be the case, it could mean that certain types of galaxies are much more similar than was previously thought. For decades it has been assumed by astronomers that there were three basic subtypes of objects termed "active galactic nuclei." These are radio galaxies, quasars and Seyfert galaxies, differentiated by the type of radiation they emit. Radio galaxies, for instance, emit strong radio waves, while Seyfert galaxies emit very weak or no radio radiation.

But over the past five years, many astronomers have come to suspect that some of these various sub-types may not represent entirely different objects, but rather, may be similar objects viewed from different directions. Wilson's work lends considerable credibility to this theory by suggesting that quasars at the center of many galaxies may be obscured by a torus, a doughnut-shaped thick cloud comprised of what appears to be dust and gas molecules. The direction from which we view the torus then largely determines the subtype of active galactic nuclei, Wilson says.

For example, when viewed down the "pole" of the torus, the broad line region and compact continuum (optical, ultraviolet and x-



Andrew Wilson

ray emissions) can be seen directly and with little obscurity. The object would then be considered a broad line radio galaxy, quasar or a type 1 Seyfert galaxy. But viewed more edge-on, the torus blocks the view of the broad line region and continuum source. Only the narrow lines can be seen, hence the object would be classified as a narrow line radio galaxy or Seyfert type 2 galaxy.

"It now seems that many of the differences we see in these objects simply result from looking at them from different angles," Wilson points out.

Wilson, who this year made national headlines with his discovery of what might be a huge black hole, also discovered the first evidence for the presence of gas molecules in Cygnus A, lending further support to his theory that a cloud of dust and gas is obscuring a quasar nuclei in Cygnus A.



New Teacher Greet "Old" Students

New journalism professor Eugene Roberts walked into his first class this month to find a room filled not only with his new students but also with some fifteen of his former newspaper colleagues at *The Philadelphia Inquirer*—in varying stages of Groucho Marx disguises. In the photo at left he joins in an after-class discussion with his "old" students-for-a-day.

F.Y.I.

Challenging Year Ahead for the Campus Senate

The following is a column by Gerald Ray Miller, 1991-92 Campus Senate Chair

The 1990-91 Campus Senate dealt with a large number of important issues. This year's Senate begins its work with a meeting on September 16 and will face an even larger number of serious issues.

Last year the Senate completed work on a major revision of the promotion and tenure policy for the campus, and task forces led by former Senate Chairs Andy Wolvin and Ralph Bennett reviewed the Birnbaum Report on faculty governance, held campus hearings, and presented a joint report to the Senate recommending a number of changes to strengthen campus governance. After thorough discussion, the Senate passed an amended document that should lead both to changes in the structure of the Campus Senate (currently under review by the Senate's Plan of Organization Review Committee) and to improvements in the governance of our colleges, schools, and departments (to be carried out by the academic units this year).

The biggest job the Senate will face this year will be reviewing the comprehensive set of proposals for reducing the academic program of the campus and for making related changes in our academic structure. Consideration of the reduction or elimination of academic programs was made necessary by the drastic budget cuts imposed on the campus last year and (as I write, the campus has suffered a 15% cut in State support since July 1, 1990). These proposals, initiated by the Academic Planning Advisory Committee (APAC), are being formulated by 19 committees appointed by the Provost, most of which will present their reports to him by mid-September or mid-October. Proposals forwarded to the Campus Senate for action will be reviewed by the General Committee on Programs, Curriculum, and Courses which will prepare recommendations for Senate action.

It is vitally important that at College Park we make the wisest decisions possible, that we preserve a solid, balanced core of strong, reasonably funded academic programs that will provide the foundation of the university well into the next century. This will require fair, careful, and expeditious consideration within the Senate, thoughtful participation by the academic community, and a willingness to make tough decisions.

The challenge of these unusually large budget cuts, second largest in the nation last year, also requires that we all be much more active in telling our neighbors, friends, and community organizations as well

as our delegates, senators, and governor about the benefits of a great teaching and research university and about the resources needed to support such an institution.

The Senate will consider a variety of other issues during the course of the year, including a review of the Blue Ribbon Committee on Parking (which proposes some substantial increases in parking fees), a study of the means for improving undergraduate advising on the campus, and the report on impediments to research. The quality of our university depends on

the quality of the decision-making we undertake together on the important issues facing us as well as on the quality of teaching, research, and service we do as individuals. Our university has made enormous strides in the last decade and a half; preserving quality and enhancing it in these very difficult times is a task for all of us.

Faculty-Staff Annual Fund Campaign Gets Underway

Consider:

- A much-needed new facility is planned to house the campus day-care center. But there is no money to furnish it.

- Budget shortfalls have severely cut back the undergraduate summer research program. This exciting program cannot survive without additional support.

- The university has not been able to meet the increasing demand from top-notch students who qualify for Key and Banneker Scholarships.

"Each of these is an essential program of a first-rate university. Each is a victim of tough times, and each is a need shared by our entire campus community," according to Kathryn Costello, Vice President for Institutional Advancement, who announced that these three programs will be initiatives for this year's Faculty-Staff Annual Fund Campaign.

"The economy has dealt a heavy blow to our programs and our employees. But many people from across the campus, both staff and faculty, have urged us during our planning meetings to proceed with the campaign, because they see the needs as urgent," says Costello.

"We were advised to focus on areas that affect people, especially people on this campus who are hurting—parents with children, our neediest students, and our students who need an edge in today's job market."

Since 1987, faculty and staff members have supported hundreds of campus programs through this campaign. Last year, nearly \$250,000 was given in support of more than 200 different campus programs or units.

This year, the focus will be more specific, but as in the past, donors

may designate their gifts for any campus need. Other changes in the campaign will also be evident this year. There is no chair; the campaign will be managed by the Office of Institutional Advancement and supported by a committee of volunteers representing various campus units. Solicitations will be conducted by peers, not by supervisors, and all donations will be confidential.

The active phase of the fund drive will run for one month, from mid-September to mid-October. Donors may choose from several options for giving: payroll deduction, direct cash or credit card.

"Having a campaign may seem out of place at a time when our employees are already sacrificing so greatly. But I know that there are many members of the community who want to continue their personal support of some of our outstanding programs, and what a difference their gifts make," says President William E. Kirwan. "I'm amazed at the generosity of our campus community, and I see, in so many ways, how this generosity helps to carry us through the most difficult times."

Costello indicates she will be sending a letter to every campus employee in the next few days, encouraging participation in this campaign. "The volunteer support for this campaign from our faculty and staff is already enormous. I want to encourage everyone to just do what you can, and help in whatever ways you can. Our needs have never been greater," she says.

Jan George

CALENDAR

Campus Club's Newcomers Reception to be Held Sept. 22

The annual newcomers reception and welcome back tea, hosted by Campus Club, the university's faculty wives and women faculty and staff organization, and Mrs. Patty Kirwan will be held at the president's house on Sunday, Sept. 22 from 2 to 4 p.m. In addition to the tea, Campus Club sponsors luncheons, art talks, tours, and lectures throughout the year. For information about the Sept. 22 tea, the newsletter, club activities, the directory and the \$10 annual dues, call club president Caroline Hummel at 445-0020.



"Catfish: Flyke Netting," lithograph by Neil Harpe, is part of an exhibit the artist's drawings at the Parents Association Gallery. The exhibit, "Honoring the Chesapeake," features work recently published in A Maryland Sea Grant Book, *Working the Chesapeake: Watermen on the Bay*, by Mark Jacoby. The exhibit runs from September 3 through October 2 in the Parents Association Gallery in the Stamp Student Union. Call 314-2787 for info.

SEPTEMBER 16-25

16 MONDAY

Art Gallery Exhibition: "Selected Works by Alfred C. Crimi," featuring paintings, watercolors, drawings and graphic works, Sept. 12-Oct. 4, The Art Gallery. Call 5-2763 for info.

Parents' Association Art Gallery Exhibit: "Honoring the Chesapeake," featuring the lithograph drawings of Neil Harpe, today-Oct. 2, Parents' Association Gallery, Stamp Student Union. Call 4-2787 for info.

Horticulture Seminar: "Xylem Sap Proteins," Fred B. Abeles, Appalachian Fruit Research Center, Kearneysville, WV, 4 p.m., 0128B Holzapfel. Call 5-4336 for info.

Space Science Seminar: "Monte Carlo Simulations of Charged Particle Transport," James Earl, Physics and Astronomy, 4:30 p.m., 1113 Computer and Space Sciences. Call 5-6226 for info.

17 TUESDAY

Center for International Development and Conflict Management "Brown Bag" Seminar: "The Sociology of Peacekeeping," David Segal, Sociology, 12:30 p.m., Mill Bldg., 2nd floor. Call 4-7703 for info.

College of Agriculture Welcome Picnic: for students, faculty and alumni, featuring food, entertainment and activities, 3:30 p.m., Symons Hall (outside facing the Mall). Call 5-2078 for info.

Physics Colloquium: "A New Symmetry of the Strong Interactions," Nathan Isgur, Theory Division, CERN, 4 p.m.; tea, 3:30 p.m., 1410 Physics. Call 5-5953 for info.

18 WEDNESDAY

Molecular and Cell Biology Seminar: "Cyclic AMP, Calcium and Control of Developmental Gene Expression in the Cellular Slime Mold *Dictyostelium discoideum*," Daphne Blumberg, Biology, UMBC, 12:05 p.m., 1208 Zoo/Psych. Call 5-6991 for info.

19 THURSDAY

Libraries Open House: "Partners for Knowledge," Demonstrations of automated reference services at McKeldin and Hornbake, including VICTOR (online catalog), 10 a.m.-1 p.m.; Tours and demonstrations of specialized reference tools in branch libraries (Art, Engin., Music, etc.), 1-3 p.m.; Reception to welcome new faculty, 3-4 p.m., Hornbake Library, second floor. Call 5-9257 for info.

SUPC Fall Open House: featuring information and sign-up activities for cultural events, films, concerts, tournaments and outdoor recreation, 11 a.m.-3 p.m., Tortuga Room, Stamp Student Union. Call 4-8495 for info.

College of Life Sciences New Students Welcome Reception: for freshmen, transfer students

and faculty, featuring food and information, 2-4 p.m., Symons Hall lobby. Call 5-2080 for info.

Meteorology Seminar: "Budget Study of the Systematic Error of the NMC Global Model," M. Kanamitsu, NMC, Camp Springs, 3:30 p.m., 2114 Computer and Space Sciences; refreshments, 3 p.m. Call 5-5392 for info.

Committee on the History and Philosophy of Science Colloquium: "Experiment, Difference and Representation: On the Laboratory Production of Transfer RNA," Hans-Jorg Rheinberger, Medizinische Universität, Lubeck, 4 p.m., 0201 Computer and Space Sciences. Call 5-5691 for info.

Women's Volleyball vs. Temple, 7:30 p.m., Cole Field House. Call 4-7070 for info.

Movie: Bill & Ted's Bogus Journey, 8 p.m., Hoff Theater, Stamp Student Union. Call 4-HOFF for info.

20 FRIDAY

College of Library and Information Sciences Alumni Day: "The Library Professional: Endangered Species?," including speakers, luncheon, awards ceremony and rally, 9 a.m.-4 p.m., Hornbake Library. Call 5-2064 for info.

School of Public Affairs Panel Discussion on International Security and USSR: Michael Nacht, Public Affairs; Roald Sagdeev, Physics; Henry Trofimenko, Soviet affairs scholar; Townsend Hoopes, CISSM senior research fellow, 12:30-2 p.m., Student Union Atrium. Call 5-6352 for info.

Mental Health Service "Lunch 'n' Learn": "Managing Crises with Patients Involved in Substance Abuse," George Kolodner, psychiatrist, Silver Spring, 1-2 p.m., 3100E Health Center. Call 4-8106 for info.

Women's Field Hockey vs. Stanford, 7 p.m., Astroturf Field. Call 4-7070 for info.

Movies: Bill & Ted's Bogus Journey, 8 and 10 p.m.; *And Now For Something Completely Different*, midnight, Hoff Theater, Stamp Student Union. Call 4-HOFF for info.

21 SATURDAY

UM Football vs. West Virginia, 4 p.m., Byrd Stadium. Call 4-7070 for info.

Movies: Bill & Ted's Bogus Journey, 8 and 10 p.m.; *And Now For Something Completely Different*, midnight, Hoff Theater, Stamp Student Union. Call 4-HOFF for info.

22 SUNDAY

Men's Soccer vs. N.C. State, 2 p.m., Denton Field. Call 4-7070 for info.

Campus Club Annual Newcomers Reception and Welcome Back Tea, 2-4 p.m., President and Mrs. Kirwan's home. Call 445-0020 for info.

Movie: Bill & Ted's Bogus Journey, 5 & 8 p.m., Hoff Theater, Stamp Student Union. Call 4-HOFF for info.

23 MONDAY

Horticulture Seminar: "The Concept of Precision Dosage for Pesticides in Fruit Orchards," Paul Steiner, Botany, 4 p.m., 0128B Holzapfel. Call 5-4336 for info.

Space Science Seminar: "HEIDI: High Altitude Scientific Balloon Payload for Imaging Solar Flares, Hard X-rays and Gamma Rays," Carol Jo Crannell, NASA/GSFC, 4:30 p.m., 1113 Computer and Space Sciences. Call 5-6226 for info.

Movie: Dead Poets Society, 5 & 8 p.m., Hoff Theater, Stamp Student Union. Call 4-HOFF for info.

24 TUESDAY

Women's Soccer vs. LaSalle, 3 p.m., Denton Field. Call 4-7070 for info.

Outstanding Woman of the Year Award Ceremony: presentation to Marilyn Berman, associate dean, College of Engineering, 3:30-4:30 p.m., 1400 Marie Mount, reception following. Call 5-5252 for info.

Movie: Dead Poets Society, 5 & 8 p.m., Hoff Theater, Stamp Student Union. Call 4-HOFF for info.

25 WEDNESDAY

Computer Emporium's Sixth Annual Computer Fest, today and tomorrow, 9:30 a.m.-4:30 p.m., Grand Ballroom, Stamp Student Union. Call 5-5825 for info.

Center for Teaching Excellence Conversations About Teaching: "The New Core Courses: What's Happening Now and Implications for Teaching," noon-1:30 p.m., Maryland Room, Marie Mount, light refreshments served. Call 5-2355 for info.

Movie: Backdraft, 5 & 8 p.m., Hoff Theater, Stamp Student Union. Call 4-HOFF for info.

Architecture Lecture: Michael Dennis, architect, author and educator, Boston, on recent work, 7:30 p.m., Architecture Auditorium. Call 5-6284 for info.

* Admission charge for this event. All others are free.



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OUTLOOK

A WEEKLY NEWSPAPER FOR FACULTY AND STAFF AT THE UNIVERSITY OF MARYLAND AT COLLEGE PARK

SEPTEMBER 16, 1991
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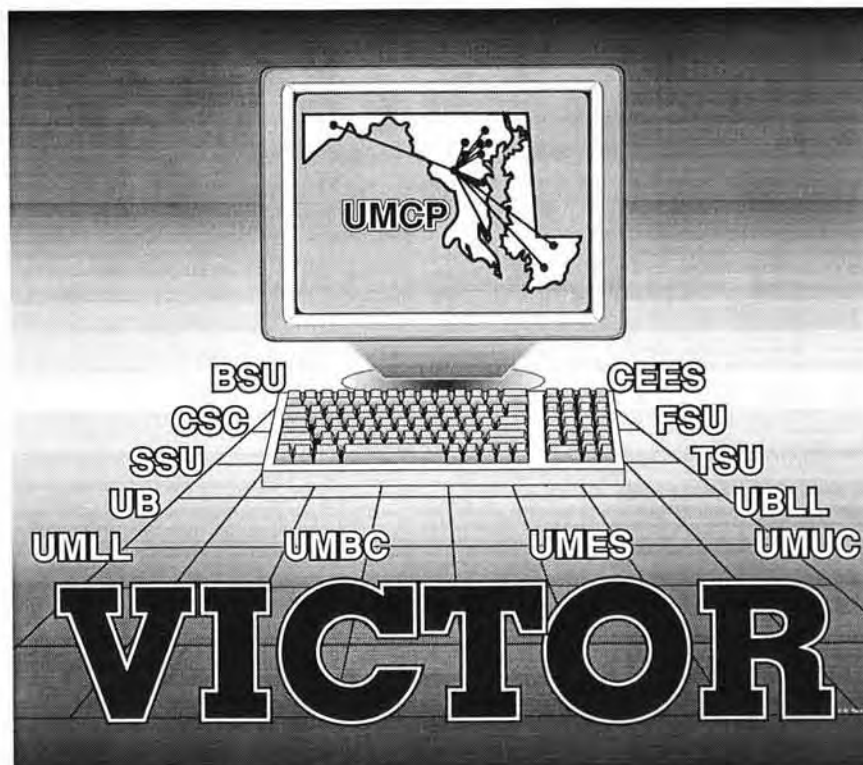
Victor is Up and Running--and Growing

Welcoming new and returning faculty to the campus libraries this fall are the many workstations of the new Library Information Management System (LIMS II). To some an already familiar sight and to others a new resource to explore and learn, this new system holds the key to open a wide variety of information sources. A product of CARL Systems, Inc., of Denver, LIMS II first became operational at this university in February 1991.

While the new system offers a range of databases, the one most frequently used is VICTOR, the public access catalog of the University of Maryland System Libraries.

The technologically advanced VICTOR replaces the Geac online catalog. Initially, five UMS library catalogs were loaded into VICTOR, including the College Park campus, UMBC, UMES, UMC, and the UMAB Law School. During this summer the following were added: Bowie State, Coppin State, Towson State, Salisbury State, Frostburg State, the University of Baltimore, the University of Baltimore Law Library, and the Center for Environmental and Estuarine Studies.

In addition, a "union" catalog representing the collective holdings of all of the participating UMS Libraries is being developed. When this is ready, the user will have the option of searching for an item on only one campus at a time, or on all campuses at the same time. VICTOR now contains approximately 90 percent of the monographs held by the College Park Libraries. Generally, music books and materials in Chinese, Japanese, and Korean are not included at this time. While many serials (magazines, journals, newspapers, annual publications, etc.) have been added to the VICTOR database, the *Serials*



List remains the authority for finding out what periodicals are available here.

Special collections, such as archival material, individual titles included in many of the microform collections, and the bulk of government documents, also do not currently appear on the VICTOR database. However, new government documents being added to the collection on an ongoing basis soon will be included.

Because the Libraries are not yet using LIMS II to circulate books, VICTOR does not now display the circulation status of material. This information can be obtained by searching the call number on any public circulation (Geac) terminal.

VICTOR is an easy system to use, offering keyword searching by words, names and a combination of

words and names. The user may also browse by title, series title, or call number. Menus and help screens lead the user step-by-step through the search process and assist in refining the search. In addition, the Libraries' staff has developed a number of guides to searching VICTOR and these are available at any reference desk.

VICTOR may also be searched from a remote location such as through dial access from a home computer or through the campus network or certain hard-wired terminals located on campus. Brochures with more detailed information are available at the various reference desks.

VICTOR is a database in transition. New enhancements and new files will be added over time.

McKeldin Renovation: A Look at Coming Attractions

The renovation of "old" McKeldin, now known as McKeldin East, officially began on March 25, 1991. If work progresses as scheduled, the renovated building is expected to open for the Spring 1993 semester.

The first floor will include a large circulation desk on the right and, just ahead, as a prominent feature of this floor, a large catalog assistance/information desk. The first floor will also have Reference Services, online catalog terminals, Interlibrary Loan, the reference collection and the bibliography collection.

Periodicals, the microforms collection, newspapers, and the Photocopy Center will remain on the first floor of McKeldin West.

The renovated building will

include Government Documents on the second floor, Special Collections on floor three, and administrative offices on the fourth floor. A public lounge will be a new second floor feature and a graduate reserves reading room is planned for the fourth floor. There will be open seating for approximately 2,000 persons throughout the building.

The newly-renovated McKeldin East will have women's and men's rest rooms on each floor and also will feature large reading rooms illuminated by new halogen ceiling fixtures, which will provide a warm, diffused light more appealing than the old fluorescent lights. In addition, all reading room balconies will be enclosed by glass walls.



Renovation continues at "old" McKeldin.

UMCP LIBRARIES

September 19, 1991

OPEN HOUSE

10:00 a.m.-1:00 p.m.: Demonstrations of Automated Reference Sources

at McKELDIN LIBRARY

10:00 a.m.-11:00 a.m.:

Social Sciences, Behavioral Sciences, Education, Law, and Business
• CD-ROMs
• Online Products
• VICTOR, CONSER, UnCover

11:00 a.m.-12:00 p.m.:

Sciences
• CD-ROMs
• Online Products
• VICTOR, CONSER, UnCover

12:00 p.m.-1:00 p.m.:

Humanities
• CD-ROMs
• Online Products
• VICTOR, CONSER, UnCover

at HORNBAKE LIBRARY

10:00 a.m.-11:00 a.m.:

VICTOR, UnCover, CD-ROM demos
All morning in Lobby and 3rd floor instruction room

1:00 p.m.-3:00 p.m.:

Tours and demonstrations of special reference sources in branch libraries and other service sites.

Did You Know?

- This past fiscal year more than 613,000 items were borrowed from the College Park campus Libraries.
- Libraries' staff responded to 580,215 questions in FY 91 compared to 524,990 the previous year, an increase of more than 10.5 percent.
- This past year more than 65 percent of the Libraries' materials budget was spent for serials such as magazines, journals, newspapers, and annual publications.

A Word From Libraries Director H. Joanne Harrar

Communicating with you, our users, and establishing an environment that provides for the interchange of ideas and information is of paramount importance to us.

Along these lines, we have turned to the pages of *Outlook*, specifically this special four-page supplement, to communicate some of our key services and policies directed to faculty members, graduate students, and staff. I hope you find this publication helpful.

This is not intended to be a comprehensive summary of the services we offer. When it comes to more detailed information, we have a number of pamphlets, brochures and leaflets to help our users gain easy and ready access to what they need. Please ask for them, because they are designed to make your use of the Libraries more effective and efficient.

I hope faculty members take special note of our new Faculty Paging Service and also of their eligibility to make use of the Reciprocal Faculty Borrowing Program which allows them borrowing privileges and on-site access to the collections of some of

the most important research libraries in the United States.

We also are quite pleased about our new online catalog named VICTOR. An item in this supplement highlights the accessibility and usability of this state-of-the-art system.

Finally, I ask that you take a few moments from time to time to provide us with feedback. The budget situation and the McKeldin renovation project notwithstanding, we are still committed to providing you with quality library service. Let us know what kind of a job we're doing and how we can better serve you. What are some of your pet peeves about the Libraries and what are some of the things that we do well?

My door is open and my telephone, 405-9127, does not go unanswered. If I am unavailable, Danuta Nitecki, our Associate Director for Public Services, would be happy to hear from you on 405-9251. Please help us help you.

H. Joanne Harrar

Director of Libraries



H. Joanne Harrar

Faculty Advice Sought on New Book Purchases

Collection building is a major activity involving both staff and faculty, and even students. Accordingly, the Libraries place heavy reliance on faculty suggestions and recommendations for the purchase of new library materials including books and periodicals.

The easiest and fastest way for faculty to recommend the purchase

of new library materials is by filling out a form at any reference or information location in one of the campus libraries. Book purchase recommendations may also be forwarded to the Collection Management Office on floor three of the McKeldin Library.

Once a suggestion to purchase is received, it is forwarded to the ap-

propriate bibliographer or selector responsible for choosing materials in the particular subject area.

To have a newly-ordered book held after it has been processed, the requestor need only provide his or her name and social security number at the time the recommendation for purchase is made.

Serials Cancellations Eased by Faculty Input

The Libraries' serials collection contains over 23,000 subscriptions to annuals, newspapers, and to various technical, scientific, humanistic and social science journals.

During the fall 1990 semester, the faculty was alerted to the fact that the Libraries would probably have to cancel approximately \$700,000 in subscriptions in order to help stabilize the proportion of the budget expended for serials and to prevent further erosion in the purchase of other items such as monographs.

At that time, subject bibliographers and selectors contacted faculty members to seek their advice and direct participation in prioritizing serials in order to identify those for cancellation in the next fiscal year. Affected and interested faculty were extremely helpful and understanding and gave a considerable amount of time to this serials review/cancellation project.

This past May, Libraries' Director H. Joanne Harrar announced that the original target figure of

\$700,000 in cuts had been pared to \$285,000 due to salary savings resulting from the hiring freeze that had been directed to support serial costs. Another positive factor was the improved state of the U.S. dollar abroad.

Harrar has cautioned, however, that serial price fluctuations and the overall health of the library budget a year from now may very well necessitate additional cancellations of subscriptions in FY 93 and FY 94.

The Photocopy Card— Don't Leave Your Office Without It

The Danyl Card System installed on the Savin 7500 coin-operated public copiers in the Libraries makes copying easier and more convenient and also provides savings of 20 percent.

Similar to the Washington Metro System, the user first inserts an amount of money into the coin

tower attached to the copier and then receives a card reflecting the value of the money inserted. The card can then be used in place of coins for copying.

By utilizing the card system, the per copy cost is 8 cents compared to 10 cents without it. The card also offers a user the advantage of not

having to have change on hand each time he or she wishes to make copies. Cards and instructions for their use are available from the Photocopy Center on the first floor of McKeldin West. Staff there will be glad to help. The Photocopy Center telephone number is 405-9056.



Librarian Judy Cmero (right) offers assistance in making an interlibrary loan request.

Changes Speed Interlibrary Loans

The Interlibrary Loan (ILL) program affords the College Park campus Libraries the opportunity to supplement their own collections by borrowing materials or securing photocopies primarily from other libraries, and from special sources as well. In turn, the Libraries provide loans and photocopies of College Park-owned materials to other libraries.

In most cases the staff here will send out a request to a supplier within 24 hours of having received a completed Libraries Document Delivery/ILL Request Form. Materials supplied by off-campus sources are usually received in two to four weeks. When time is of the essence, Fax service to College Park is often available for photocopies.

Materials borrowed through ILL are subject to the loan period, renewal, and use restrictions set by the lending library. Loan periods usually range from two to four weeks with the possibility of a

14-day extension in most cases.

The Libraries absorb most loan and photocopy costs. Normally users will only be billed for photocopies filled from College Park-owned material and for loans and photocopies obtained from non-College Park sources that cost more than \$20 (loans) or \$15 (photocopies) per request.

Anyone with a valid College Park borrower's card is eligible for this service. After filling out the form, the library patron can expedite the request by citing or attaching a photocopy of the source where the item was listed. The completed form can be left at the ILL Office in McKeldin or at the reference desk of any campus library.

More information about ILL policies and services, as well as forms, are available at the ILL office on the third floor of McKeldin or by calling 405-9178.

Faculty Can Ask for Customized Instructional Services

The Libraries staff have developed a wide-ranging array of instructional services for faculty. These activities range from orientation tours or table displays at College Park functions to full class sessions or in-depth research consultations on a one-to-one basis.

Librarians at the different campus libraries will be glad to assist

faculty in planning a library session for students. A meeting with the librarian should take place about two weeks in advance of the session. Also advisable is a call early in the semester to insure that the librarian, room, and materials are available when needed. For further information contact Rebecca Jackson at 5-9187.

All System Libraries Open to College Park Faculty

Faculty members having a current identification card and, in some cases, a borrower validation certificate from any UM System library are entitled to direct borrowing privileges at any of the libraries in the System.

Each individual has the same ability to use unrestricted library materials as do users at the home institution. This program does not provide for the transfer of borrowing privileges to others. Generally, borrowers are required to

return the borrowed material to the library from where it came, although twice weekly there is delivery service between UMAB, UMBC, UMCP, UMES, and UMUC.

Through this direct borrowing program, any library material that the institution's own faculty, students and staff can borrow, is available for direct borrowing by other valid users. A loan period of at least 21 days is offered by each lending library.

Special Faculty Card Can Be Used at 151 Off-Campus Libraries

Faculty members at College Park now have on-site access to and may borrow materials from any of 151 other university research libraries as a result of the university's participation in the OCLC Reciprocal Faculty Borrowing Program.

The uniqueness of this program is that it provides easier and broader access to scholarly materials. College Park faculty who are interested in this program need only request a Reciprocal Faculty

Borrowing Program card from the Head of Interlibrary Loan, at 405-9178.

This card will provide privileges at any of the 151 participating libraries. Letters from deans or library directors or other official correspondence are not required.

Materials may be used on the premises of the owning library or may be borrowed, depending on the policies of the owning institution. Privileges vary from institution to institution.

NEW SERVICES

New Paging Service Offered to Help Simplify Faculty Research

The university faculty paging service was initiated in April 1991 to alleviate some of the inconvenience experienced by users of the McKeldin Library compact shelving.

Faculty members may mail or drop off a paging request form to the McKeldin Circulation Desk for any McKeldin circulating item that is not charged out. This service does not apply to retrieval of reference, reserve, or periodical room materials or non-circulating stack items.

Before a Paging Request Form is submitted, it would be helpful to the staff if the current status of needed items is verified in the online catalog system as being "in the library." Unfortunately, items that are owned by other libraries cannot be requested through this service.

Once a form is submitted, Libraries' staff will check the call number in its correct shelf location. If the item is found, it will be retrieved and held for pickup at the McKeldin Circulation Desk. If not found, the form will be returned to the address specified. Notification of the availability of the items requested will be sent by mail within three days of the receipt of the request.

For additional information on this paging service, please contact the McKeldin Library Circulation Desk, 5-9095.

Faculty Can Now Renew by Mail

The Libraries have made it easier for permanent College Park faculty members to renew their books—they can do it by mail.

To renew by mail, the faculty member need only make a photocopy of the front cover of each book to be renewed, making sure that the barcode is copied clearly. This should then be sent to the circulation desk of the College Park campus library most frequently used.

This service is for books from the College Park campus Libraries borrowed by College Park faculty only. Other libraries within the UMS should be contacted for information on their renewal policies.

Books checked out from Hornbake Library or items from certain collections, such as Nonprint Media Services, reserves desks, Music Library compact discs, or EPSL's technical reports, are not included in this service.

For more information on this service, contact the Circulation Staff in any College Park campus library.

Did You Know?

• *The Chronicle of Higher Education* and *The Baltimore Sun* are now available online in full text format.

• As of June 30, 1991, the Libraries' collection included 2,119,523 volumes, 4,385,087 pieces of microform, 723,620 government documents, 191,480 maps, 49,509 phonograph records, 33,215 audio cassettes and or tapes, 9,827 video cassettes and or discs, and 9,428 slides.

Many Databases Available Through VICTOR-- And More are on the Way

One of the reasons the UMS selected the CARL System with the VICTOR online catalog was that it offers access to many different databases. A user opting to enter one of CARL's other databases has available a screen of at least 22 different menu options. These choices can be grouped into the following four categories:

• UMCP Database

As noted, approximately 90 percent of the monographs in the UMCP Libraries System are recorded in VICTOR.

• UMS Libraries' Database

VICTOR affords the user the ability to search the individual library catalogs of the many and diverse collections of the University of Maryland System.

• Other Libraries Databases

Other databases accessible through VICTOR include the holdings of various other library systems including the University of California's MELVYL System.

• UnCover

Through VICTOR, the user has access to UnCover, a table of contents file for articles in over 10,000 periodicals, both general interest

and scholarly, from October 1988 to date. Over 600,000 articles are entered each year. While presently UnCover provides article abstract information and not full-text, in the near future CARL Systems anticipates extending UnCover services to include fee-based online delivery of the full text of journal articles.

CARL-member libraries provide input to the UnCover database which is updated daily. As a result, journal articles can often be identified months before they appear in printed indexes.

New Automated Reference Sources Make the "Database Difference"

Library users can now take advantage of the speed and flexibility of microcomputers to search, retrieve, and print or download information on a wide variety of topics.

The automated reference sources of the Libraries are available as on-line and CD-ROM databases and can be searched free of charge. The databases are available in McKeldin Library, Hornbake Library,

White Memorial Library (Chemistry), Engineering and Physical Sciences Library (EPSL), Art Library, Government Documents/Maps Unit, and Non-print Media Services.

The subject areas represented by the databases range from the life sciences, social sciences, business, physical sciences, and law to the humanities and several multi-disciplinary databases.

The Libraries require reservations for the use of many of the databases to which they subscribe. For information on which automated reference sources are available, in which library they are located, and the policies for using them, consult the Automated Reference Sources handout available at any College Park campus library.



A collection of CD ROMs. A single disk can hold the equivalent of 275,000 pages of text.

Powerful New Research Tool FIRSTSEARCH Makes Trial Run

The Libraries are field testing a powerful new research tool, OCLC's FIRSTSEARCH, which has an easy-to-use menu interface allowing faculty, students and other users to access the OCLC database with a few simple commands from any Internet terminal on campus. FIRSTSEARCH supplements information in the College Park Libraries with data from more than 11,000 libraries throughout the world.

FIRSTSEARCH allows users to search by author, title, keyword, or subject without assistance or training. In addition, it lets users compile subject bibliographies, verify difficult-to-find items, and identify libraries which own a particular book or journal.

Currently the information in FIRSTSEARCH comes from two sources, and it is likely that other popular databases will be added soon.

The first source is the OCLC Online Union Catalog, which contains over 23 million bibliographic records for books, serials, audiovisual materials, music, government documents, maps, computer software, and more.

The second source of information for FIRSTSEARCH is ERIC, the Educational Resources Information Center. ERIC is the world's largest bibliography of educational materials, and its file contains abstracts of journal articles and special reports. The full-text reports are available in the ERIC Document Microfiche

Collection which is housed in the Current Periodicals Room of McKeldin Library.

During the test phase of FIRSTSEARCH the service is free to Libraries' patrons. The introduction of FIRSTSEARCH marks the first time that a research tool of such power and magnitude has been made available to every networked terminal on the campus.

Comments and questions about the FIRSTSEARCH database should be directed to Gloria Chawla, Technical Reports Librarian, Engineering and Physical Sciences Library, at 405-9159. Questions about logging on through the computer network should be directed to the Computer Science Center Help Line at 405-1500.



The new on-line catalog VICTOR is user-friendly and thorough.

CRL Program is Magic Key to Large Off-Campus Research Collections

The Libraries recently began to supplement College Park collections by making available to researchers, faculty and students the vast resources of the Center for Research Libraries (CRL).

Located in Chicago, this cooperative, membership-based organization, provides to the scholarly community research materials that are rarely held in North American libraries due to budgetary restraints, space limitations and the infrequent demand for such materials.

Members of the Center, which serves 136 member university, col-

lege, and research libraries, include virtually every well known academic institution in the United States and Canada.

Joining CRL means that the Libraries can provide access to the 3.6 million volumes and 1.1 million microforms that are in the CRL collection.

Requests from CRL are sent in by computer, and the material is often here in about eight days. The loan period is two months but an item can be renewed as needed unless it is sought by someone else.

Among CRL's holdings are more than 2,000 college and univer-

sity catalogs, insurance company reports, corporate annual reports, textbooks, archival material from Great Britain, Germany and Japan, foreign science and technology publications, various foreign and U.S. newspapers including a large number of ethnic periodicals, geographic studies, foreign doctoral dissertations, and extensive materials on women's studies.

An easy way to find out if material is available through CRL is to check the handbook, a descriptive guide to all its collections, available at the ILL office on the third floor of McKeldin Library.

This special Libraries Supplement has been prepared by the staff of the University of Maryland at College Park Libraries.

H. Joanne Harrar Director of Libraries
Danuta A. Nitecki Associate Director for Public Services

Contributors

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